Docket No.: 0171-1250PUS1

Application No.: 10/561,152

AMENDMENTS TO THE CLAIMS

- 1. & 2. (cancelled).
- 3. (previously presented) A polyimide precursor which comprises repeating units represented by formula (2) below

where R^1 and R^2 each independently denotes a hydrogen atom, a $C_{1\text{-}20}$ alkyl group, a $C_{1\text{-}20}$ alkoxyl group, or a $C_{1\text{-}20}$ fluoroalkyl group; "A" denotes a residue of tetracarboxylic acid; and n denotes an integer of 1 to 5000.

4. (previously presented) A polyimide which comprises repeating units represented by formula (3) below

where R^1 and R^2 each independently denotes a hydrogen atom, a C_{1-20} alkyl group, a C_{1-20} alkoxyl group, or a C_{1-20} fluoroalkyl group; "A" denotes a residue of tetracarboxylic acid; and n denotes an integer of 1 to 5000.

- 5. (currently amended) A polyimide precursor which is obtained by reaction between
- a diamine component containing at least 1 mol% of a diaminobenzene compound represented by formula (1) below

where R^1 and R^2 each independently denotes a hydrogen atom, <u>a C_{1-20} alkyl group</u>, a C_{1-20} alkoxyl group, or a C_{1-20} fluoroalkyl group alkyl group, or alkoxyl group and

a tetracarboxylic acid or a derivative thereof.

- 6. (original) The polyimide precursor as defined in claim 5, wherein the tetracarboxylic acid or the derivative thereof is an aromatic tetracarboxylic acid or a derivative thereof.
- 7. (original) The polyimide precursor as defined in claim 6, wherein the aromatic tetracarboxylic acid is a tetracarboxylic acid having phenyl groups or substituted phenyl groups.
- 8. (currently amended) A polyimide which is obtained by ring-closing reaction from any of polyimide precursors obtained by reaction between
- a diamine component containing at least 1 mol% of a diaminobenzene compound represented by formula (1) below

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where R^1 and R^2 each independently denotes a hydrogen atom, <u>a C_{1-20} alkyl group</u>, a C_{1-20} alkoxyl group, or a C_{1-20} fluoroalkyl group alkyl group, or alkoxyl group; and

a tetracarboxylic acid or a derivative thereof.

- 9. (previously presented) A charge carrier transporting film which is formed from the polyimide as defined in claim 4.
- 10. (previously presented) An organic transistor device which comprises the charge carrier transporting film as defined in claim 9.
- 11. (original) An organic light emitting diode which has at least one layer of the charge carrier transporting film as defined in claim 9.
- 12. (previously presented) A fluorescent filter which comprises the charge carrier transporting film as defined in claim 9.
- 13. (previously presented) A liquid crystal alignment film which comprises the charge carrier transporting film as defined in claim 9.

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14. (previously presented) The polyimide precursor as defined in claim 5, wherein R^1 and R^2 each independently denotes a C_{1-20} alkyl group, C_{1-20} alkoxyl group, or C_{1-20} fluoroalkyl group.

15. (previously presented) The polyimide as defined in claim 8, wherein R^1 and R^2 each independently denotes a C_{1-20} alkyl group, C_{1-20} alkoxyl group, or C_{1-20} fluoroalkyl group.